

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/AU2004/001643

## A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: H02K 29/00, H02P 6/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched, other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
DWPI: IPC H02K/-, H02P 6/-, switch+, dc, direct current, permanent magnet, pm, electro magnet, em

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5179307 A (PORTER) 12 January 1993 entire document	1-26
X	CA 1191543 A (MAGNET-MOTOR GES MA) 6 August 1985 entire document	1-26
X	US 4475068 A (BRAILSFORD) 2 October 1984 entire document	1-26
X	WO 1991020120 A (NAHIRNEY) 26 December 1991 entire document	1-26

Further documents are listed in the continuation of Box C

See patent family annex

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 8 March 2005	Date of mailing of the international search report 11 MAR 2005
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustralia.gov.au Facsimile No: (02) 6285 3929	Authorized officer  <b>MANO RAMACHANDRAN</b> Telephone No: (02) 6283 2166

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2002-084725 A (FUJITSU GENERAL LTD) 22 March 2002 entire document	1-26
X	US 4025831 A (WEBB) 24 May 1977 entire document	1-26
X	EP 0148347 B1 (ROTRON INCORPORATED) 1 April 1987 entire document	1-26

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/001643

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
US	5179307				
CA	1191543				
US	4475068	CA	1197551		
WO	9120120	AU	79784/91	BR	9106552
		EP	0533767	PL	297163
JP	2002084725				CA 2083270
US	4025831				US 5227702
EP	0148347	BR	8102939	CA	1152142
		JP	57075558	US	4365187
EP	0040484				

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX